

Synthesis of 2-d-acrylamide

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Abstract

Copyright © 2018 John Wiley & Sons, Ltd. 2-d-Acrylamide was synthesized via the 2-step procedure starting from acrylonitrile and deuterium oxide. This procedure affords 2--acrylamide in 99.9% chemical purity and 98.4% isotopic enrichment.

<http://dx.doi.org/10.1002/jlcr.3603>

Keywords

deuterium-labeled acrylamide, deuterium-labeled acrylonitrile, electron-deficient alkenes, hydration

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